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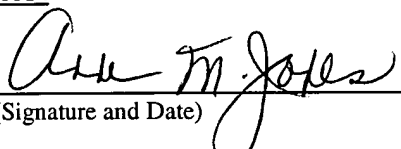
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Mary Jeanne Kreek et al. EXAMINER: Unknown
SERIAL NO.: 09/904,584 ART UNIT: 1646
FOR: ALLELES OF THE HUMAN KAPPA OPIOID RECEPTOR GENE,
DIAGNOSTIC METHODS USING SAID ALLELES, AND METHODS
OF TREATMENT BASED THEREON

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 on October 15, 2001.

David A. Jackson, Reg. No. 26,742
(Name of Registered Rep.)


(Signature and Date)

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON DC 20231

Dear Sir:

Prior to calculating claim fees, please enter the following amendments into the file of the present application.

IN THE CLAIMS:

Please cancel claims 1-29 of the present application (all of the claims), without prejudice, and add the following claims 30-59.

30. A variant allele of a human kappa opioid receptor gene, comprising a DNA sequence having at least one variation in SEQ ID NO:1, wherein said variation comprises G36T, A843G, C846T, C852T, C948T, or C1008T, or any combination thereof.